

JC14 Rec'd CRYPTO 18 MAY 2005

Page 1 of 3

Subst. Form PTO-1449 APPLICANT(S)' INFORMATION DISCLOSURE STATEMENT	Atty.Dkt.No.: PHUS020449US	Serial No.: <u>10/535530</u> <small>(Unknown)</small>
	Applicant(s): SHVARTSMAN, ET AL	
	Filing Date: Herewith	Group:

U.S. PATENT DOCUMENTS

Initial		Document No.	Date	Name	Class	Subcl.	Filing Date
LMA	AA	4,794,338	12/27/88	Roemer, et al.	324	39	11/25/1987
LMA	AB	4,978,920	12/18/90	Mansfield, et al.	324	318	04/14/1989
LMA	AC	5,296,810	03/22/94	Morich	324	318	09/09/1992
LMA	AD	5,561,371	10/01/96	Schenck	324	318	09/27/1995
LMA	AE	5,736,858	04/07/98	Katznelson, et al.	324	318	10/29/1996
LMA	AF	6,049,207	04/11/00	Petropoulos	324	318	11/25/1998
LMA	AG	6,078,177	06/20/00	Petropoulos, et al	324	318	01/05/1998
LMA	AH	6,236,203	05/22/01	Shvartsman, et al.	324	309	09/28/1998
LMA	AI	6,297,635	10/02/01	Arz, et al.	324	318	11/09/1999
LMA	AJ	6,342,787	01/29/02	Petropoulos, et al	324	320	11/22/2000
LMA	AK	6,479,999	11/12/02	DeMeester, et al.	324	318	06/05/2001
LMA	AL						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subcl.	Translation?
LMA	AM	EP1 102 080 A2	05/23/01	Europe			
LMA	AN	WO 93/04493	03/04/93	PCT			

OTHER ART

LMA	AP	Kimmlingen, et al., A Gradient System Providing Continuously Variable Field
		Characteristics@, Magnetic Resonance in Medicine 47: 800-808 (2002)
LMA	AQ	Kimmlingen, et al. A Gradient System with Continuously Variable Field
		Characteristics@, ISMRM 2000

Examiner:

Date Considered:

- EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication to applicant.

JC14 Rec'd PCT/PTO 18 MAY 2005

PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 3

Complete if Known	
Application Number	unknown 10/535530
Filing Date	herewith
First Named Inventor	S. Shvartsman
Art Unit	unknown
Examiner Name	unknown
Attorney Docket Number	PHUS020449US

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
LMA	EP 1 094 330 A2		04-25-2001	Petropoulos
LMA	EP 0 562 707 A1		09-29-1993	DeMeester
LMA	GB 2 331 808 A		06-02-1999	Goldie

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ³See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-776-9199) and select option 2.

JC14 Rec'd PCT/PTO 18 MAY 2005

PTO/SB/08B (04-03)

Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

3

of

3

Complete If Known

Application Number	unknown	10/535530
Filing Date	herewith	
First Named Inventor	S. Shvartsman	
Art Unit	unknown	
Examiner Name	unknown	

Attorney Docket Number PHUS020449US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
LMA		DEMEESTER, G., et al.; Shielded Gradient Coil Design with Variable Field-of-View; 2002; Proc. Intl. Soc. Mag. Reson. Med.; 10: abstract.	
LMA		DEMEESTER, G., et al.; Method of Gradient Coil Design that Allows Control of the Residual Eddy Current Effect; 2003; Proc. Intl. Soc. Mag. Reson. Med; 11: 2416.	
LMA		SHVARTSMAN, S., et al.; Gradient Coil Design with 3D Geometry and Variable Field-of-View; 2003; Proc. Intl. Soc. Mag. Reson. Med.; 11:743.	

Examiner Signature	/Louis Arana/	Date Considered	08/11/2006
--------------------	---------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.